Datasheet

UniFi | AP OUTDOOR

UniFi

Enterprise WiFi System

UBIQUITI
NETWORKS

Overview

Scalable and Unified Enterprise WiFi Management

The UniFi Enterprise WiFi System is a scalable enterprise access point solution designed to be easily deployed and managed. All UniFi Access Point (AP) models (UAP-Mini, UAP, UAP-LR and UAP-Outdoor) have a sleek design and can be easily mounted to a ceiling tile or wall using the included mounting hardware. They are powered using the included Power over Ethernet (PoE) adapter, which provides power and data using a single cable.

The UniFi Enterprise WiFi System includes the UniFi Controller software. The software installs on any PC or Mac within the network and is easily accessible through any standard web browser. Using the UniFi Controller software, an Enterprise WiFi network can be instantly configured and administered without any special training. Real-time status, automatic UAP device detection, map loading, and advanced security options are all seamlessly integrated.

UniFi Enterprise WiFi System
300 Mbps
400ft. Range
3-PACK

UniFi AP (UAP)

802.11n MIMO UniFi AP. Capable of 300+Mbps speeds and links of up to 400 ft.

UAP available in single-pack and 3-pack.

Included:

- Wall and Ceiling Mount Adapter Kit
- Power Over Ethernet Adapter
- UniFi Controller Software Installation CD

Features

Design Aesthetic industrial design with unique LED provisioning ring which provides an administrator location tracking and alerts for each device.

Powerful Hardware UniFi AP devices feature the latest in WiFi 802.11n technology (b/g/n supported)—capable of 150 Mbps speeds (UAP-Mini) and 300 Mbps speeds (UAP, UAP-LR and UAP-Outdoor) with ranges from 300 ft. (UAP-Mini), 400 ft. (UAP) and 600 ft. (UAP-LR and UAP-Outdoor).

Intuitive UniFi Controller Software Install, configure, and manage all of your UniFi AP devices with the intuitive and easy-to-learn UniFi Controller software User Interface (no special training needed).

Expandable Unlimited scalability. Build wireless networks as small or big as needed. Start with one (or upgrade to a 3-pack) and expand to thousands while maintaining a single unified management system.

Easy Mounting Sleek wall-mountable and ceiling tile mountable design (all accessories included).

Power over Ethernet (PoE) Includes Power over Ethernet (PoE) functionality which allows both power and data to be carried over a single Ethernet cable to the device.

Wireless Uplinks One wired UniFi AP uplink supports 4 wireless downlinks allowing wireless adoption of devices and real-time changes to network topology.

L3 Manageability With L3 Manageability, the UniFi Controller software can be run in a different subnet to the UniFi APs it manages, allowing "no-touch" AP provisioning.

Email Alerts Enable delivery of custom email alerts to your inbox to report on any status changes in the UniFi Controller software.

Hotspot Management All UniFi APs include Hotspot functionality including:

- Built-in support for billing integration using major credit cards via PayPal™.
- Built-in support for voucher-based authentication.
- Built in Hotspot Manager for voucher creation, guest management and payment refund.
- Full customization of Hotspot portal pages.

Rate Limiting Take advantage of UniFi's rate limiting for your Guest Portal and Hotspot package offerings. Apply different bandwidth rates (download/upload), limit total data usage and limit duration of use.

Google Maps™ Integration Upload your own custom-created coverage maps or configure your map using the built-in Google Maps API.

UniFi Controller Software

Packed with Features

After the UniFi Controller software is installed on a Mac or PC, the UniFi Controller can be accessed through any device using a web browser. The UniFi Controller allows the operator to instantly provision thousands of UniFi APs, map out networks, quickly manage system traffic, and further provision individual UniFi AP devices.

Users and Guests

Keep track and control access of specific users/guests connected to your network(s).

Remote Firmware Upgrade

Save time and effort by remotely upgrading device firmware.

Guest Portal Support

Easy customization and advanced options for Guest Portals including authentication, Hotspot setup options and the ability to run as an External Portal Server.

Events and Alerts

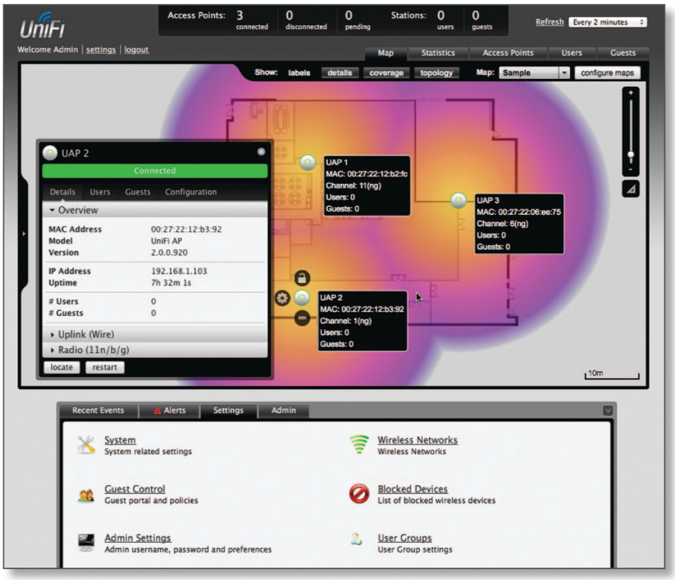
UniFi makes it easy to view and set up email delivery of alerts and recent events on your network(s).

One UniFied Network

Option to create one large wireless network across multiple APs that lets users seamlessly roam.

Save money. Save time.

Unlike traditional enterprise WiFi systems utilizing a hardware WiFi Switch, UniFi uses a virtual client/server application that requires zero cost and no additional hardware.


UniFi
Access Points: 3 connected
0 disconnected
0 pending
Stations: 0 users
0 guests
Refresh
Every 2 minutes
Welcome Admin | settings | logout
Map
Statistics
Access Points
Users
Guests
Show: labels
details
coverage
topology
Map: Sample
configure maps
10m
Recent Events
Alerts
Settings
Admin

UAP 2
Connected
Details | Users | Guests | Configuration
Overview
MAC Address 00:27:22:12:b3:92
Model UniFi AP
Version 2.0.0.920
IP Address 192.168.1.103
Uptime 7h 32m 1s
Users 0
Guests 0
Uplink (Wire)
Radio (11n/b/g)
locate | restart

UAP 1
MAC: 00:27:22:12:b2:fc
Channel: 11(ng)
Users: 0
Guests: 0

UAP 3
MAC: 00:27:22:06:ee:75
Channel: 6(ng)
Users: 0
Guests: 0

UAP 2
MAC: 00:27:22:12:b3:92
Channel: 1(ng)
Users: 0
Guests: 0

System
System related settings

Wireless Networks
Wireless Networks

Guest Control
Guest portal and policies

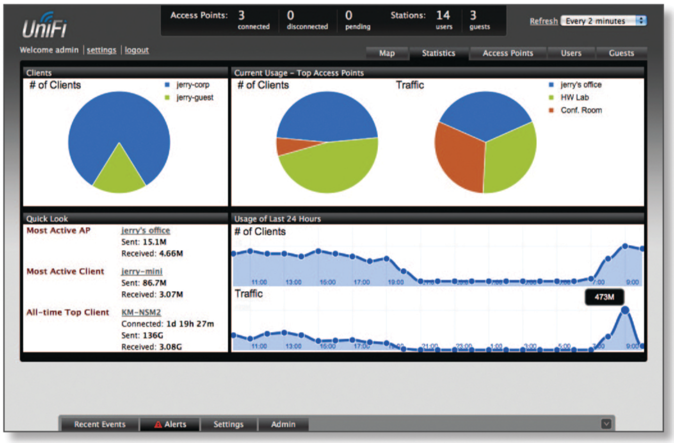
Blocked Devices
List of blocked wireless devices

Admin Settings
Admin username, password and preferences

User Groups
User Group settings

Maps

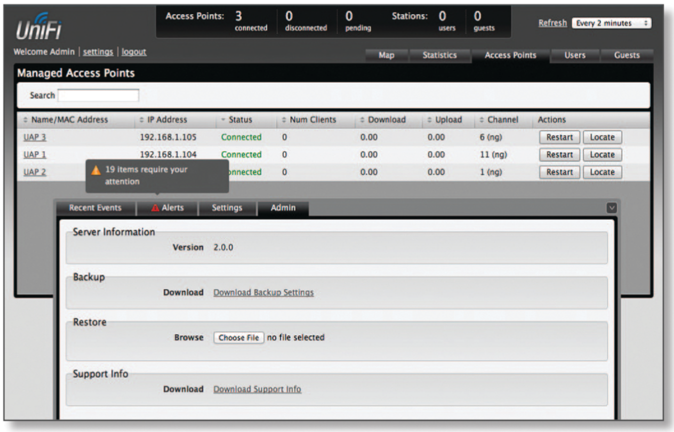
Upload map images of your location(s) for a visual representation of your wireless network.


UniFi
Access Points: 3 connected
0 disconnected
0 pending
Stations: 14 users
3 guests
Refresh
Every 2 minutes
Welcome admin | settings | logout
Map
Statistics
Access Points
Users
Guests
Clients
# of Clients
jerry-corp
jerry-guest
Current Usage - Top Access Points
# of Clients
Traffic
jerry's office
HW Lab
Conf. Room
Usage of Last 24 Hours
# of Clients
Traffic
473M
Recent Events
Alerts
Settings
Admin

Quick Look
Most Active AP: jerry's office
Sent: 15.1M
Received: 4.66M
Most Active Client: jerry-mini
Sent: 86.7M
Received: 3.07M
All-time Top Client: KM-NSM2
Connected: 1d 19h 27m
Sent: 136G
Received: 3.08G

Statistics

UniFi organizes and visualizes your network(s) traffic in clear and easy-to-read graphs.


UniFi
Access Points: 3 connected
0 disconnected
0 pending
Stations: 0 users
0 guests
Refresh
Every 2 minutes
Welcome Admin | settings | logout
Map
Statistics
Access Points
Users
Guests
Search
19 items require your attention
Recent Events
Alerts
Settings
Admin

Managed Access Points

Name/MAC Address	IP Address	Status	Num Clients	Download	Upload	Channel	Actions
UAP 3	192.168.1.105	Connected	0	0.00	0.00	6 (ng)	Restart Locate
UAP 1	192.168.1.104	Connected	0	0.00	0.00	11 (ng)	Restart Locate
UAP 2		nnected	0	0.00	0.00	1 (ng)	Restart Locate

Server Information
Version 2.0.0

Backup
Download Download Backup Settings

Restore
Browse Choose File no file selected

Support Info
Download Download Support Info

Access Points (APs)

Easily install, configure, and manage all access points from one location.

Specifications

UniFi AP (UAP) Specifications	
Dimensions	20 x 20 x 3.65 cm
Weight	290 g (430 g with mounting kits)
Ports	Ethernet (Auto MDX, autosensing 10/100 Mbps)
Buttons	Reset
Antennas	2 Integrated (supports 2x2 MIMO with spatial diversity)
Wi-Fi Standards	802.11 b/g/n*
Power Method	Passive Power over Ethernet (12-24V)
Power Supply	24V 0.5A PoE Adapter included
Maximum Power Consumption	4W
Max TX Power	20 dBm
BSSID	Up to four per radio
Power Save	Supported
Wireless Security	WEP, WPA-PSK, WPA-TKIP, WPA2 AES, 802.11i
Certifications	CE, FCC, IC
Mounting	Wall/Ceiling (Kits included)
Operating Temperature	-10 to 70°C (14 to 158° F)
Operating Humidity	5 - 80% Condensing

Advanced Traffic Management	
VLAN	802.1Q
Advanced QoS	WLAN prioritization
Guest traffic isolation	Supported
WMM	Voice, video, best effort, and background
Concurrent Clients	100+

Supported Data Rates (Mbps)	
Frequency (MHz)	
802.11n	MCS0 - MCS15 (6.5 Mbps to 300 Mbps), HT 20/40
802.11b	1, 2, 5.5, 11
802.11g	6, 9, 12, 18, 24, 36, 48, 54

* 2.4GHz